

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

- I. Introduction: The national aviation office in conjunction with regional representation will conduct an evaluation of helicopter rappel programs as part of the 2010 Rappel Quality Assurance (QA) Plan as outlined in the Rappel Program Strategic Risk Assessment Action Plan Response. The Region 6 rappel programs should have adequate time, as acknowledged by the evaluators, to respond to the evaluation deficiency and to identify corrective action planned or already taken.
- II. Purpose: The purpose of the rappel QA review is to ensure that all rappel programs are meeting the intent of the national standardization effort, abiding by the FS 2010 Rappel Guide (FSHRG) and providing a Quality Assurance Program. This information will also be utilized to provide a detailed report to the National Aviation staff to ensure the Quality Assurance Program is progressive, appropriate and consistent with the mission of aerial delivery of personnel via helicopter.
- III. Applicability: The format contained in the National Rappel Operations Checklist was developed by the National Rappel Specialist (NRS) with oversight provided by the National Helicopter Operations Specialist (NHOS). This document may be revised or updated as needed or applicable.

The following items will be needed for the QA review.

Checklist Item #	Documentation	Checklist Item #	Documentation
	Helibase Operations Plan		Rappel Equipment Records
	Unit Aviation Plan		Helicopter Available
	Most Recent Copy of Base		Ride along during proficiency
	Review		or fire assignment
	Spotter/Rappel Records		FS 2010 Rappel Guide
			(FSHRG)

- IV. Team composition: The operation QA review team will consist of the National Rappel Specialist (NRS), National Helicopter Operations Specialist (NHOS), a Regional Helicopter Operations Specialist (RHOS), a Safety and Training Specialist (S&TS), an Aviation Maintenance Inspector (AMI) and a Helicopter Inspector Pilot (HIP). All attempts should be made to fill the RHOS, AMI and HIP from outside the geographical area.
- V. Responsibility and Instruction for Completion: Aviation management at the national level is responsible for conducting the evaluation. Annual reviews are recommended until such time as evaluation time frames are established. The crew should be allowed a minimum of one week to prepare for the review

Completion of individual items is self-explanatory. The following is recommended as an overall approach:

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

- The rappel base manager should utilize the evaluation checklist to prepare for the visit by the team. It can also be used as a means of self-evaluation throughout the season.
 - In order to cover the functional area in a reasonable amount of time, it is recommended that each member of the evaluation team cover a separate section of the functional area, with others on the team concurrently completing their assigned area.
 - A closeout with local Line Officers, Regional Aviation members, and local fire management to review both deficiencies and positive aspects of the program is essential. A copy of the National Rappel Operations Review Checklist will be provided to the RHOS and local Line Officer.
 - A formal follow-up should be made to ensure corrective action has been taken to rectify deficiencies.
 - Items marked with an asterisk are identified as not having a current standard. These items should not be rated, but information should be documented as to possibility of identified standards.
- VI. Routing and Filing: Formal submission to the local line manager is essential; with follow-up reply from the local unit to ensure the corrective actions have been accomplished. Regional aviation management should keep past evaluations on file in order to ensure that items identified in previous visits have been addressed and are nonexistent in future evaluations.

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

EVALUATION TEAM MEMBERS

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NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

FUNCTIONAL AREA N – RAPPEL OPERATION

RAPPEL CREW INFORMATION:		REMARKS
TOTAL NUMBER OF RAPPELLERS AT BASE:		
NUMBER OF VETERAN RAPPELLERS:		
NUMBER OF FIRST YEAR RAPPELLERS:		
NUMBER OF QUALIFIED SPOTTERS:		
NUMBER OF TRAINEE SPOTTERS:		
HOW ARE SPOTTER TRAINEE'S USED IN RAPPEL OPERATIONS:		
CHECK SPOTTER AVAILABLE AT BASE:		
CHECK SPOTTER DESIGNATION ON FILE:		
HOW OFTEN DOES A CHECK SPOTTER VISIT THE BASE:		
NUMBER OF IC4'S:	NUMBER OF IC5'S	
HIGHEST LINE QUAL OF CREW:	HIGHEST AVIATION QUAL OF CREW:	
NUMBER HELICOPTER MGRS:	NUMBER OF MANAGER TRAINEES:	
WHAT OBSTACLES IMPEDE THE EFFICIENT MANAGEMENT OF A RAPPEL PROGRAM:		
WHAT CAN BE DONE TO IMPROVE THE NATIONAL RAPPEL PROGRAM:		

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

CODE KEY: E = EXCEEDS STANDARD M = MEETS STANDARD NI = NEEDS IMPROVEMENT NR = NOT REVIEWED				
ITEM #	EVALUATION CRITERIA	LAST YEAR	CODE	REMARKS
	RAPPEL AIRCRAFT			
N-1	a) PILOT CARDED FOR LONGLINE AND RAPPEL OPERATIONS: SIGNED BY: DATE: / /			
	b) RAPPEL PILOT CERTIFICATION ON FILE			
	c) APPLICABLE RAPPEL STC REQUIREMENTS BEING MEET			
	d) WEIGHT AND BALANCE CALCULATIONS ARE COMPLETED FOR RAPPEL OPERATIONS			
	e) SPOTTER/MANAGERS ARE AWARE OF WEIGHT AND BALANCE PARAMETERS			
	WHAT ARE THESE PARAMETERS:			
	RAPPEL ANCHOR			REMARKS
N-2	a) RAPPEL ANCHOR FOR HELICOPTER IS PROVIDED BY:			
	b) WHEN WAS HELICOPTER ANCHOR LAST INSPECTED: / /			
	c) INSPECTION OF ANCHOR DOCUMENTED			
	d) WHAT IS THE STC #			
	e) ROPE/SKID PROTECTORS INSTALLED			
ADDITIONAL INFORMATION:				

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

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ITEM #	EVALUATION CRITERIA	LAST REVIEW	CODE	REMARKS
N-3	HELICOPTER / HELIBASE OPERATIONS AND UNIT AVIATION PLANS			
	a) UNIT AVIATION PLAN ADDRESSES RAPPEL OPERATIONS			
	b) THE BASE OPERATIONS PLAN ADDRESSES RAPPEL OPERATIONS			
N-4	THE FOLLOWING RAPPEL REFERENCES ARE AVAILABLE AT THE BASE:			
	a) INTERAGENCY HELICOPTER RAPPEL GUIDE			
	b) SAFETY ALERTS* (sky genie inspection, swage fitting rappel ropes)			
	c) INFORMATION BULLETINS PERTAINING TO RAPPEL FOR THE CALENDAR YEAR*			
	d) IRREGULAR EQUIPMENT REPORTING PROTOCOLS.			
	e)TECH TIPS FOR THE CALENDAR YEAR PERTAINING TO RAPPEL*			
	f) EQUIPMENT CARE AND INSPECTION POWERPOINT*			
	g)RAPTOR BLADE REPLACEMENT BLADE HOW TO			
N-5	SAFETY AND TRAINING			REMARKS
	a) IS CHANGE BLINDNESS TRAINING BEING CONDUCTED*			
	b) IS CHANGE BLINDNESS INCORPROATED INTO CREW TRAINING DAYS? IF SO, DESCRIBE*			
	c) WHAT CONTROLS ARE IN PLACE TO ENSURE EQUIPMENT THAT IS MISSRIGGED WILL NOT BE USED OPERATIONALLY*			
	d) HELITACK AND VENDOR PERSONNEL FAMILIAR WITH SAFECOM REPORTING SYSTEM			
	e) HAZARDS/INCIDENTS BEING PROPERLY DOCUMENTED AND SUBMITTED USING SAFECOMS			
	f) WHO FOLLOWS UP TO ENSURE THAT RAPPEL RELATED SAFECOMS ARE COMMUNICATED TO THE APPROPRIATE FIELD PERSONNEL*			
	g) CA-1, SUBMITTED CONCERNING RAPPEL RELATED ACTIVITIES OR PACKOUTS			
	h) PROFICIENCY REQUIREMENTS FOR RAPPELLERS BEING MEET PER IHRG			

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

N-5 CONT	i) PROFICIENCY REQUIREMENTS FOR SPOTTERS BEING MET PER IHRG			
	j) HOW IS THIS INFORMATION BEING TRACKED			
	k) HOW IS THE GAR MODEL BEING UTILIZED*			
	l) WHO IS INVOLVED IN THE ASSESSMENT PROCESS*			
ADDITIONAL INFORMATION:				

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

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EQUIPMENT				
ITEM #	EVALUATION CRITERIA	LAST REVIEW	CODE	REMARKS
N-6	RAPPEL HARNESS			
	a)NUMBERED WITH UNIQUE ID			
	b)INSPECTION LOGS CURRENT/UP TO DATE:			
	c)FEMALE END OF BD BAG BUCKLE ATTACHED TO HARNESS			
	d)WEBBING LOOP MEET SPECIFICATIONS			
	e)INSPECTION SCHEDULE/STANDARD			
	f)GENERAL CONDITION			
	g) CONNECTING HARDWARE REPLACEMENT PROTOCOLS BEING FOLLOWED.			
N-7	RAPTOR KNIFE (RAPPELLER)			REMARKS
	a)SHEATH APPROPRIATE TO HARNESS			
	b)ATTACHED TO HARNESS APPROPRIATELY			
	c)INSPECTION SCHEDULE/STANDARD			
	d)DOCUMENTED IN HARNESS LOG*			
	e)WHEN ARE BLADES REPLACED			
	f)WHO REPLACES THE BLADES			
	g)HOW ARE THE BLADES REPLACED			
	h)LANYARD INSTALLED/STOWED			
	i)BUTTON SNAPS WORKING APPROPRIATELY			
	j)KNIFE ORIENTATED CORRECTLY IN SHEATH			
	N-8	BELLY DEPLOYMENT (BD) BAG		
a)DESIGNED IN ACCORDANCE WITH MTDC DRAWING NUMBER MTDC-1038				
b)DOESN'T EXCEED 25LBS				
c)FEMALE END OF BUCKLE ATTACHED TO HARNESS				
d)WEBBING LOOP MEET SPECIFICATIONS				
e)CONTAINS REQUIRED MINIMUM RAPPELLER PERSONAL EQUIPMENT				
N-9	SPOTTER HARNESS			REMARKS
	a)NUMBERED WITH UNIQUE ID			
	b)APPROVED PER IHRG			
	c)INSPECTION SCHEDULE/STANDARD			
N-10	RAPTOR KNIFE (SPOTTER)			REMARKS
	a)SHEATH APPROPRIATE TO HARNESS			

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

	b)ATTACHED TO SPOTTER HARNESS			
	c)LANYARD INSTALLED/STOWED			
	d)INSPECTION SCHEDULE/STANDARD			
N-11	SPOTTER HARNESS TETHER			REMARKS
	a)EXTENDABLE/NON EXTENDABLE			
	b)MANUFACTURED IN ACCORDANCE PER ADJUSTABLE OR NON ADJUSTALBE REQUIREMENT			
	c)SIZE APPROPRIATE FOR MAKE AND MODEL OF AIRCRAFT			
	d)LENGTH ADJUSTED TO AIRCRAFT DOOR			
	e)ADJUSTABLE END TACKED TO WEBBING LOOP			
	f)APPROVED CARABINER ON FREE END			
	g)INSPECTION SCHEDULE/STANDARD			
N-12	SPOTTER TETHER ATTACHMENT			REMARKS
	a)INSTALLED PER STC REQUIREMENTS			
	b)ADJUSTED APPROPRIATELY			
	c)INSPECTION SCHEDULE/STANDARD			
	d)GENERAL CONDITION			
N-13	HELMETS (SPOTTER/RAPPELLER)			REMARKS
	a)MEET ELSE REQUIREMENTS			
	b)AVIONICS FOR INTERCOM AND RADIO COMMUNICATION			
N-14	GLOVES (SPOTTER/RAPPELLER)			REMARKS
	a)APPROVED FOR FLIGHT OPERATIONS PER IHOG			
	b)APPROVED FOR CARGO LETDOWN OPERATIONS PER IHRG			
	c)APPROVED FOR RAPPEL OPERATIONS PER IHRG			
	d)INSPECTION SCHEDULE/STANDARD			
N-15	EYE PROTECTION			REMARKS
	a)MEETS ANSI Z81 AGENCY REQUIREMENTS			
	b)TYPE WORN BY RAPPELLERS			
N-16	RAPPEL ROPES			REMARKS
	a)NUMBER WITH UNIQUE ID			
	b)ROPES BAGS APPROPRIATE			
	c)ROPE STORAGE APPROPRIATE			
	d)WHAT IS INSPECTED ON A RAPPEL ROPE QUERRY BASE INDIVIDUAL			
	e)WHEN IS A ROPE INSPECTED			

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

N-16 CONT	f)WHO IS RESPONSIBLE FOR INSPECTIONING ROPES			
	g)WHAT CRITERIS IS USED TO RETIRE A RAPPEL ROPE			
	h)WHO IS RESPONSIBLE FOR RETIRING A ROPE			
	i)HOW IS A ROPE RETIRED			
N-17	DESCENT DEVICE			REMARKS
	a)NUMBERED WITH UNIQUE IDENTICAL NUMBER ON SHAFT AND COVER			
	b)GENIES STORED APPROPRIATELY			
	c)WHAT IS INSPECTED ON A DESCENT DEVICE			
	d)WHEN IS THE DEVICE INSPECTED			
	e)WHO IS RESPONSIBLE FOR INSPECTING THE DESCENT DEVICE			
	f)WHAT CRITERIA IS USED TO RETIRE A DESCENT DEVICE			
	g)WHO IS RESPONSIBLE FOR RETIRING A DESCENT DEVICE			
N-18	LETDOWN LINES			REMARKS
	a)NUMBERED WITH UNIQUE ID NUMBERS			
	b)ACCORDIAN PACKS CONFORM TO APPROPRIATE DRAWING NUMBERS			
	c)ACCORDIAN PACKS STENCILED APPROPRIATELY TO LENGTH OF LINE			
	d)PACKED TO APPROPRIATELY			
	e)LETDOWN LINES DYED APPROPRIATELY			
	f)WHAT IS INSPECTED ON A LETDOWN LINE			
	g)WHO IS RESPONSIBLE FOR INSPECTING LETDOWN LINES			
	h)WHO IS RESPONSIBLE FOR PACKING LETDOWN LINES			
	i)WHAT STANDARD IS USED TO PACK LETDOWN LINES			
	j)WHO IS RESPONSIBLE FOR RETIRING A LETDOWN LINE			
	k)WHAT CRITERIA IS USED TO RETIRE A LETDOWN LINE			
	N-19	CARGO CONTAINERS		
a)APPROVED FOR CARGO LETDOWN OPERATIONS				
b)CARDBOARD BOXES MEET MINIMUM BURSTING STRENGTHS				

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

N-19 CONT	c)BOX HARNESS MEETS MINIMUM BURSTING STRENGTH			
	d)TYPE OF CONTAINER USED			
	e)TYPE OF ATTACH POINT/HARNESS			
	f)AVG WEIGHT LOADED FIRE BOX			
	g)AVG WEIGHT LOADED SAW BOX			
	h)CONTAINERS MEET WEIGHT LIMITATIONS			
N-20	FIGURE 8 WITH EARS			REMARKS
	a)APPROVED FOR CARGO DELIVERY OPERATIONS			
	b)WHO IS RESPONSIBLE FOR INSPECTING FIGURE 8'S			
	c)WHAT CRITERIA IS USED TO INSPECT FIGURE 8			
	d)WHEN IS FIGURE 8 INSPECTED			
	e)WHAT CRITERIA IS USED TO RETIRE FIGURE EIGHTS			
	f)WHO IS RESPONSIBLE FOR RETIRING FIGURE 8'S			
N-21	STEEL CARABINERS			REMARKS
	a)APPROVED FOR RAPPEL AND CARGO OPERATIONS			
	b)WHEN ARE CARABINERS INSPECTED			
	c)WHO IS RESPONSIBLE FOR INSPECTION			
	d)WHAT CRITERIA IS USED TO INSPECT CARABINERS			
	e)WHO IS RESPONSIBLE FOR RETIRING CARABINERS			
	f)WHAT CRITERIA IS USED TO RETIRE A CARABINER			
N-22	GUNNER STRAPS			REMARKS
	a)MANUFACTURED IN ACCORDANCE WITH DRAWING NUMBER MTDC-984			
	b)INSTALLED PER MODEL SPECIFIC SECTION OF IHRG			
	c)INSPECTION SCHEDULE/STANDARD			
N-23	SAFETY SNUB STRAP			REMARKS
	a)APPROPRIATE FOR MAKE AND MODEL			
	b)INSPECTION SCHEDULE/STANDARD			
N-24	EQUIPMENT RETIREMENT			
	a)WHAT PROCESS IS TAKEN WHEN RETIRING EQUIPMENT			

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

	b)HOW IS RETIRED EQUIPMENT RECORDED			
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DOCUMENTATION				
ITEM #	EVALUATION CRITERIA	LAST REVIEW	CODE	REMARKS
N-25	EQUIPMENT LOGS			
	a) WHAT FORMAT IS USED FOR EQUIPMENT LOGS? BACKUP LOGS?			
	b)ARE EQUIPMENT LOGS UP-TO-DATE, LEGIBLE, AND COMPLETE			
	c)ARE EQUIPMENT LOGS CONSOLIDATED IN ONE LOCATION			
	d) WHO IS RESPONSIBLE FOR MAINTAINING EQUIPMENT LOGS			
	e) WHAT FORMAT IS USED FOR INSPECTION LOGS			
	f)ARE INSPECTION LOGS CONSOLIDATED IN ONE LOCATION			
	g)ARE INSPECTION LOGS UP TO DATE, LEGIBLE, AND COMPLETE			
	h)ENTRIES IN INSPECTION LOGS ACCURATELY DESCRIBE CONDITION OF EQUIPMENT			
N-26	RAPPEL UNIT LOG			REMARKS
	a)WHAT FORMAT IS USED FOR INDIVIDUAL RAPPEL RECORDS			
	b)ARE INDIVIDUAL RAPPEL RECORDS UP TO DATE LEGIBLE AND COMPLETE			
	c)ARE INDIVIDUAL RAPPEL RECORDS CONSOLIDATED IN A SINGLE LOG IN ONE LOCATION			
	d)WHO IS RESPONSIBLE FOR MAINTAINING INDIVIDUAL RAPPEL RECORDS			
	e) WHAT FORMAT IS USED FOR INDIVIDUAL RAPPEL AND SPOTTER TRAINING RECORDS, BACKUP?			
	f) ARE INDIVIDUAL RAPPEL AND SPOTTER TRAINING RECORDS CONSOLIDATED WITH THE RAPPEL UNIT LOG IN ONE LOCATION			
	g) WHO IS RESPONSIBLE FOR MAINTAINING INDIVIDUAL RAPPEL AND SPOTTER TRAINING RECORDS			

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RAPPEL OPERATIONS				
ITEM #	EVALUATION CRITERIA	LAST REVIEW	CODE	REMARKS
N-27	a)DAILY INSPECTION OF RAPPEL ANCHOR, WHEN			
	b)WHAT CRITERIA IS USED TO DETERMINE A RAPPEL OR HELITACK MISSION			
	c)WHEN DO YOU DOWNLOAD			
	d)WHO MAKES THE DETERMINATION TO DOWNLOAD			
	e)WHO PICKS THE RAPPEL SITE			
	f)WHAT CRITERIA IS USED FOR SITE SELECTION			
	g)WHAT CRITERIA IS USED FOR DESCENDING BELOW THE CANOPY			
	h)WHAT INFORMATION IS SPOTTER RESPONSIBLE FOR SUPPLYING IC			
	i)HAVE EMERGENCY PROCEDURES AS THEY ARE BEEN BRIEFED WITH THE PILOT			
	j)HOW OFTEN ARE EMERGENCY PROCEDURES DISCUSSED WITH THE PILOT			
	k) WHERE ARE LETDOWN LINES STOWED FOR LETDOWN OPERATIONS*			
	HOW ARE THEY STOWED*			
	IS THE BUCKET CARRIED ON BOARD THE AIRCRAFT FOR IA, WHERE*			
	WHAT IS THE BASES PROFICIENCY SCHEDULE			
	WHERE DO PROFICIENCY RAPPELS TYPICALLY TAKE PLACE			
	HOW OFTEN ARE ETO'S PERFORMED DURING PROFICIENCY RAPPELS			
	AFTER ACTION REVIEWS PERFORMED AFTER EACH OPERATIONAL RAPPEL			
N-28	BOOSTERS			REMARKS
	IS A STANDARD BRIEFING PACKET DEVELOPED FOR BOOSTERS			
	STANDARD CHECK IN PROCESS			
	HAVE YOU RECEIVED OUT OF REGION BOOSTERS BEFORE, RECENT LOCATION			
	WHAT ASPECTS NEEDED ADDRESSED BEFORE OPERATIONAL RAPPELLING			
	WHERE DO BOOSTERS FIT INTO THE ROTATION			

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

ITEM #	EVALUATION CRITERIA	LAST REVIEW	CODE	REMARKS
	RAPPEL OPERATION PROFICIENCY CHECK			
N-29	PREFLIGHT BIEFING			
	a)LOCATION OF OPERATION			
	b)NUMBER TO BE DEPLOYED IF KNOWN			
	c)MISSION AS APPLICABLE			
	d)WHO'S INVOLVED			
	e)RISK MANAGEMENT			
	f)MANIFEST AND LOAD CALCULATION			
N-30	AIRCRAFT CONFIGURATION			REMARKS
	a)SEATS INSTALLED/REMOVED PER IHRG			
	b)DOOR POST INSTALLED			
	c)APPROVED CARGO NETTING INSTALLED			
	d)CARGO SECURED WITH APPROVED RESTRAINT SYSTEM			
	e)GUNNER STRAPS INSTALLED PER MODEL SPECIFICS			
	f)SEATING CONFIGURATION PER IHRG MODEL SPECIFIC			
N-31	RAPPEL RIGGING			REMARKS
	a) ROPES ROUTED AND ATTACHED TO ANCHOR APPROPRIATELY			
	b) SNUB STRAP ATTACHED CORRECTLY			
	c) CARABINERS LOCKED AND ORIENTATED CORRECTLY			
	d) ROPE PROTECTORS IN PLACE AS APPROPRIATE			
	e) GENIES LOADED AS APPROPRIATE FOR MISSION			
	f) GENIES RIGGED CORRECTLY			
N-32	BOARDING SEQUENCE			REMARKS
	a) RAPPELLERS FOLLOWS BOARDING SEQUENCE PER IHRG			
	b) SPOTTER FOLLOWS BOARDING SEQUENCE PER IHRG			
N-33	IN FLIGHT PROCEDURES			REMARKS
	a) HIGH LEVEL RECON			
	b) LOW LEVEL RECON			
	c) IDENTIFY PRIMARY AND ALTERNATE SITES			
N-33	d)SITE ADEQUATELY IDENTIFIED			

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

CONT	<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">e) IDENTIFY HAZARDS AS APPROPRIATE</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">f) MATCH DESCENT DEVICES TO RAPPELLERS DEPLOYED.</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">g) HIGH HOVER POWER CHECK COMPLETED</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">h) POSITIVE RATE OF CLIMB ESTABLISHED</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">i) DOORS OPENED AS APPROPRIATE</div> <div style="border: 1px solid black; padding: 2px;">j) MASTER CAUTION RESET</div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px;"></div>	
N-34	RAPPEL SEQUENCE		REMARKS
	a) SPOTTER EFFECTIVELY POSITIONS AIRCRAFT OVER RAPPEL SIGHT		
	b) SPOTTER INITIATES AND FOLLOWS RAPPEL SEQUENCE AS IDENTIFIED IN IHRG		
	c) COMMUNICATION IS IN THE FORM OF CHALLENGE AND RESPONSE SPOTTER/PILOT		
	d) SPOTTER/PILOT COMMUNICATION IS CLEAR, CONCISE, AND EFFICIENT		
	e) SPOTTER CLEARS AIRCRAFT BEFORE DIRECTING AIRCRAFT MOVEMENT		
	f) RAPPELLERS FOLLOW SEQUENCE AS OUTLINED IN IHRG		
	g) SPOTTER GIVES CLEAR IDENTIFIABLE APPROPRIATE HAND SIGNALS		
	h) ADEQUATE ROTOR CLEARANCE MAINTAINED		
	i) RAPPEL SEQUENCE CONDUCTED IN MAXIMUM CONTINUOUS PARAMETERS FOR RAPPEL OPERATIONS.		
N-35	CARGO DEPLOYMENT		REMARKS
	a) CARGO IS RIGGED CORRECTLY		
	b) FIGURE 8 RIGGED CORRECTLY		
	c) CARGO DEPLOYED IN ACCORDANCE WITH IHRG		
	d) ADEQUATE ROTOR CLEARANCE MAINTAINED		
	e) COMMUNICATION IS IN THE FORM OF CHALLENGE AND RESPONSE SPOTTER/PILOT		
ADDITIONAL INFORMATION: <div style="border: 1px solid black; height: 100px; width: 100%; margin-top: 5px;"></div>			

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

FUNCTIONAL AREA N - SUMMARY

(Review With Manager, Crew, and Vendor As Appropriate; Closeout With Local Fire Management; Submit Formal Evaluation As Soon As Possible.)

<u>GENERAL READINESS OF THE BASE</u>
<u>ITEMS WHICH ARE DEFICIENT</u>
<u>CORRECTIVE ACTION TO BE TAKEN</u>

NATIONAL RAPPEL OPERATIONS REVIEW CHECKLIST

FUNCTIONAL AREA N- RECOMMENDATIONS AND FOLLOW UP REQUIREMENTS

(Review With Manager, Crew, and Vendor As Appropriate; Closeout With Local Fire Management; Submit Formal Evaluation As Soon As Possible.)

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